Title (en)

SYSTEM AND METHOD FOR CROP MONITORING AND MANAGEMENT

Title (de)

SYSTEM UND VERFAHREN ZUR ERNTEÜBERWACHUNG UND -VERWALTUNG

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE ET DE GESTION DE CULTURE

Publication

EP 4027768 A4 20230920 (EN)

Application

EP 20863283 A 20200910

Priority

- US 201962898727 P 20190911
- IL 2020050987 W 20200910

Abstract (en)

[origin: WO2021048848A2] A crop management system including at least one crop monitoring subsystem including at least one crop sensor assembly for sensing at least one crop growth parameter in a predetermined region, at least one field monitoring subsystem including at least one field sensor assembly for sensing at least one field parameter in the predetermined region, an analysis engine receiving an output from at least one of the at least one crop monitoring subsystem and the at least one field monitoring subsystem and being operative to identify at least one anomaly in at least one of the parameters and an anomaly locator operative to provide an output indication of spatial coordinates of at least one location of the at least one anomaly.

IPC 8 full level

A01C 21/00 (2006.01); **A01B 79/02** (2006.01); **A01G 22/00** (2018.01); **G01N 33/00** (2006.01); **G06Q 50/02** (2012.01)

CPC (source: EP US)

A01B 79/005 (2013.01 - EP); **A01G 7/06** (2013.01 - US); **B64C 39/024** (2013.01 - US); **F16M 11/126** (2013.01 - US); **G01N 33/0098** (2013.01 - EP US); **G06Q 10/04** (2013.01 - US); B64D 1/16 (2013.01 - US); B64U 20/40 (2023.01 - EP); B64U 2101/30 (2023.01 - US)

Citation (search report)

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- [A] JP 2015008699 A 20150119 - HITACHI SOLUTIONS LTD
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2021048848 A2 20210318; **WO 2021048848 A3 20210506**; AU 2020345092 A1 20220324; BR 112022004061 A2 20220531; CA 3146519 A1 20210318; CN 114390887 A 20220422; EP 4027768 A2 20220720; EP 4027768 A4 20230920; JP 2022547172 A 20221110; MX 2022002866 A 20220325; US 2022318693 A1 20221006

DOCDB simple family (application)

IL 2020050987 W 20200910; AU 2020345092 A 20200910; BR 112022004061 A 20200910; CA 3146519 A 20200910; CN 202080062935 A 20200910; EP 20863283 A 20200910; JP 2022515546 A 20200910; MX 2022002866 A 20200910; US 202017642215 A 20200910